

CLAIMS

WHAT IS CLAIMED IS:

- 1 1. A method of providing a digital subscriber line service and a plain old
2 telephone service comprising:
3 connecting a communication I/O line to a chassis;
4 providing the digital subscriber line service onto the communication I/O line
5 using a first circuit board in the chassis; and
6 providing the plain old telephone service on the communication I/O line
7 using a second circuit board in the chassis.
- 1 2. The method of claim 1 further comprising:
2 providing digital subscriber line service onto the communication I/O line
3 using a hot-swappable first circuit board.
- 1 3. The method of claim 2 further comprising:
2 providing plain old telephone service onto the communication I/O line using
3 a hot-swappable second circuit board.
- 1 4. The method of claim 3 further comprising:
2 using one or more transition circuit boards to provide a splitting function of
3 separating first signals used for providing the digital subscriber line

4 service from second signals for providing the plain old telephone
5 service.

1 5. The method of claim 4 further comprising:

2 using a low pass filter on the one or more transition circuit boards to filter
3 out the first signals used to provide the digital subscriber service; and
4 using a high pass filter on the one or more transition circuit boards to filter
5 out the second signals used to provide the plain old telephone service.

1 6. A method of splitting digital subscriber line (DSL) signals and subscriber line
2 interface card (SLIC) signals comprising:

3 using passive components to separate the DSL signals and the SLIC signals;
4 providing the DSL signals to a first circuit board; and
5 providing the SLIC signals to a second circuit board.

1 7. The method of claim 6, wherein the first circuit board and the second circuit
2 board are plugged into a first side of a midplane circuit board, and wherein the passive
3 components are on a transition circuit board plugged into a second side of the midplane
4 circuit board.

1 8. The method of claim 7, wherein the first circuit board and the second circuit
2 board are hot-swappable.

